



# **FEMA Consortia and Partners**

## **National Earthquake Program Managers Meeting**

May 21, 2014

*How has your organization used the state assistance funding from FEMA to support the states in FY 12 and FY 13?*

WSSPC

CUSEC

NESEC

CREW

SCEC

EERI

FLASH

ATC

OPP



*We develop seismic policies and share information to promote programs intended to reduce earthquake related losses.*



*A non-profit earthquake consortium for the western states*

## **WESTERN STATES SEISMIC POLICY COUNCIL STATE ASSISTANCE**

**FY12 August 1, 2012 – December 31, 2013**

- **California – NEPM travel, educational & outreach travel**
- **Guam – NEPM travel, ShakeOut support**
- **Hawaii – 3 Hawaii State Earthquake Advisory Committee (HSEAC) meetings and member travel, NEPM travel**
- **NEPM - Communicating with Policy Makers Workshop**

**FY13 August 1, 2013 – July 31, 2014**

- **NEPM – Travel for 13 WSSPC states and 3 territories**
- **NEPM – Earthquake Early Warning training**



# CUSEC State Support



## **National State Support**

NEPM – Planning

NEHRP

NEMA Integration

Re-Authorization

COP Software – DHS S&T/CUSEC

MASS Software – KYEM/CUSEC

## **Multi-State Support (CUSEC Region)**

Building Inspector Program Framework

Building Inspector Resource Deployment (BIRD)

MRP's – Type I, II, III

Capstone-14 – MASS

ROVER – School evaluation

AR

TN

## **State Specific**

NEPM – 13 states

School Non-Structural Mitigation Framework – AR

Public Awareness – IL , IN, OK

Museum Project Support – MO



# Northeast States Emergency Consortium

## State Assistance Support FY 13



Maine

Statewide Hazus earthquake study of critical and essential facilities & NEPM travel support



Vermont

Earthquake hazard mitigation workshop for critical and essential facility operators including FEMA 174 training & NEPM travel support



New York

NEPM travel support

Edward S. Fratto, Executive Director

[www.nesec.org](http://www.nesec.org)

# Oregon

- **Infrastructure Inventory & Assessment**
  - Identification of potentially isolated populations resulting from a CSZ earthquake and tsunami.
- **Adolescent Outreach & Education**
  - Development of an EQ safety publication geared at the ages 11 to 25
- **Oregon Resiliency Taskforce**
  - Aid with Oregon Resiliency Implementation Plan



# Washington (& Oregon)

- **Earthquake Safety Education & Outreach**
  - Media campaign to promote earthquake safety, ShakeOut registration, participation in the drill, and encourage preparedness and mitigation within homes, schools, businesses, hospitals etc.

CASCADIA REGION  
EARTHQUAKE WORKGROUP

**CREW**

AHEAD OF THE WAVE



# SCEC is Administrative Home for the Earthquake Country Alliance

Statewide partnership of people, organizations, and regional alliances

Each regional alliance conducts its own activities and collaborates with the others



Statewide committees set long-range plans, identify sector-based needs, and develop resources

[www.earthquakecountry.org](http://www.earthquakecountry.org)



**Earthquake  
Country  
Alliance**

*We're all in this together.*

# SCEC Develops and Coordinates Activities with ECA Partners

*The Great California ShakeOut:*

Register today at [www.ShakeOut.org](http://www.ShakeOut.org)

*Support for Tsunami Preparedness Week*

Register today at [www.TsunamiZone.org](http://www.TsunamiZone.org)

Development of consistent, statewide  
messaging and resources

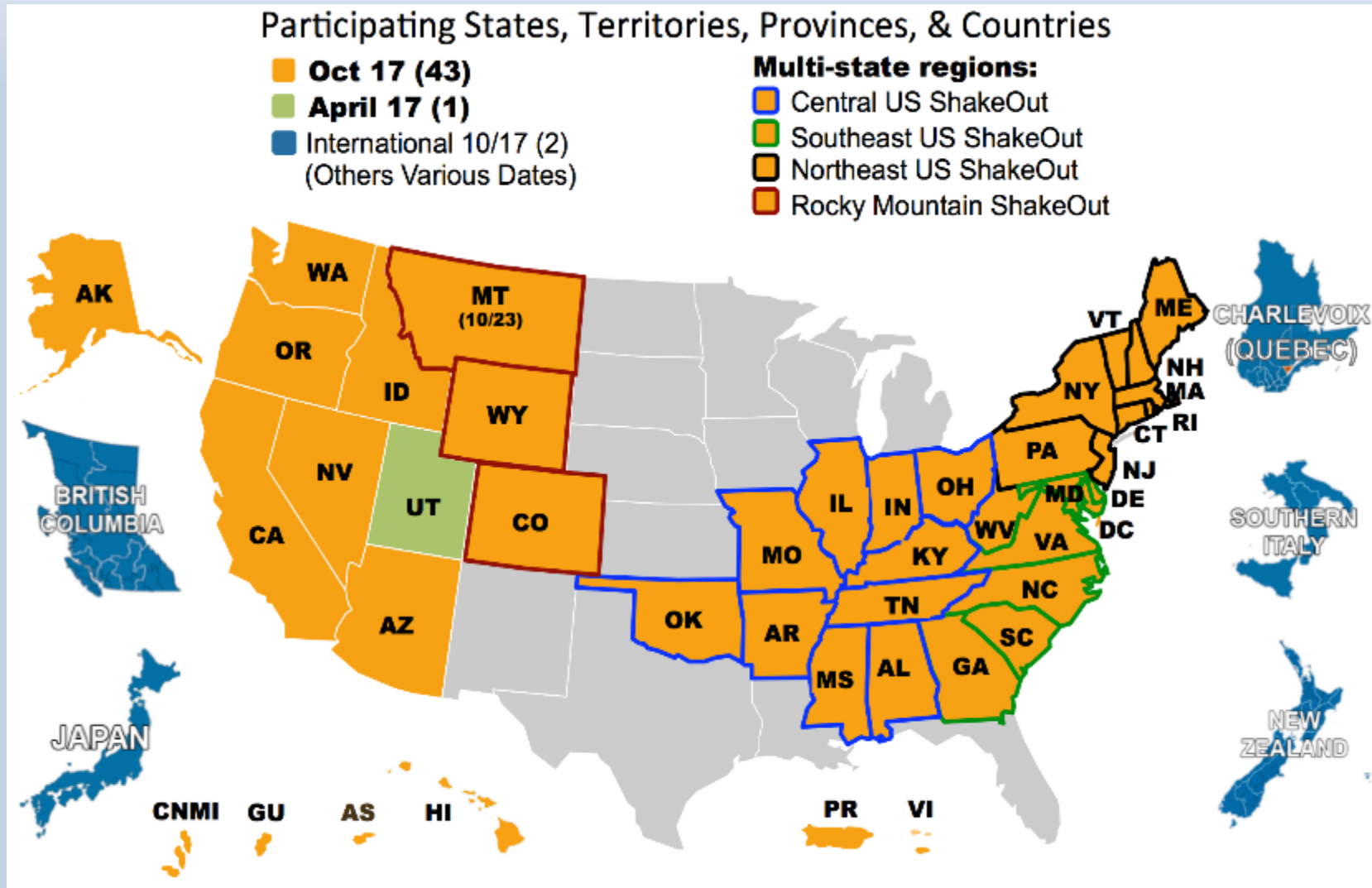
Available at [www.EarthquakeCountry.org](http://www.EarthquakeCountry.org)

Communications platform for and among  
stakeholders and the public





**SCEC Coordinates with all ShakeOut Regions and hosts all websites (except Japan)**



# 24.9 million People Were Registered Worldwide in 2013



# STATE SUPPORT PROJECTS FOR 2012-13 AND 2013-14

EARTHQUAKE ENGINEERING RESEARCH INSTITUTE  
OAKLAND, CA

2014 NEPM Meeting, May 21, Denver, CO



# 2012-13 State Support Projects

## ❖ California

- CalVIVA III
  - Model for State of California departments involved with disaster response and recovery to self-assess building vulnerabilities to seismic hazards and prioritize remediation efforts.
- Concrete Coalition
  - Online Tool Kit for Community Outreach; Crowd-sourced, virtual building survey procedure; Visual categorization process; Visual categorization of 1000 buildings in SF

## ❖ Vermont

- Williston Area, 2 Related Projects
  - Shear Wave Velocity Measurements
  - Seismic Site Class, Amplification, and Liquefaction Hazard Mapping Report



# 2013-14 State Support Projects

## ❖ Alaska

- School Seismic Safety

## ❖ California

- Concrete Coalition
- California Earthquake Clearinghouse
- Scenario Project – San Diego
- School Seismic Safety

## ❖ Nevada

- Clark County URM Database Validation

## ❖ Utah

- Scenario Project – Wasatch Front

# FLASH Projects

# QUAKE SMART

*Mitigation Works For Business*



# QuakeSmart Mitigation Inspection



# QuakeSmart Community Resilience Plan and Resource Page



The screenshot displays the QuakeSmart website, which is a resource hub for earthquake preparedness and resilience. The page features a prominent header with the FLASH logo and navigation links. The main content area is divided into several sections, including a large banner for the QuakeSmart Community Resilience Plan, a sidebar with quick links, and a main content area with detailed resource descriptions and download buttons.

**FLASH**  
FEDERAL ALLIANCE FOR SAFE HOMES

**QUAKESMART**  
Mitigation Works For Business

**Builder? Contractor?**  
Learn about Disaster safe construction  
[BLUEPRINTFORSAFETY.ORG](#)

**Pick-A-Peril & Learn How to Be Prepared**  
Select

**Watch & Learn How-To Videos**  
[SEE VIDEO ON DISASTERS](#)

**QuakeSmart Toolkit**  
Download this easy to use toolkit to help educate small business owners about earthquake mitigation options.  
[Download in English](#) [Download en Español](#)

**Earthquake FLASH Cards**  
These printable cards can be co-branded with your logo and used for public outreach.  
[Download in English](#) [Download en Español](#)

**Earthquake How-To Animation**  
Learn how to prevent injury from falling items by securing your home's contents from earthquake damage. This 8 minute video walks you through a three step process to identify risks and perform nonstructural mitigation.  
[View in English](#) [View en Español](#)  
[Download in English](#) [Download en Español](#)

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# ***NATIONAL EARTHQUAKE TRAINING ASSISTANCE PROGRAM (NETAP)***

conducted by the **Applied Technology Council (ATC)**,  
Redwood City, California

A nonprofit corporation advancing engineering  
applications for hazard mitigation



*ATC-66-5: National Earthquake Technical Assistance Program (NETAP)*



# Objectives

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- support of training development;
- logistical coordination;
- training delivery;
- technical assistance;
- performance tracking; and
- development of tools necessary

# Organization

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- FEMA HQ: Wendy Phillips, Michael Mahoney
- ATC: Ayse Hortacsu, Bernadette Hadnagy
- Training Instruction Consultants
- Technical Assistance Project Consultants
- Training Development Consultants
- Training Development Reviewers



# Delivery of NETAP

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	IN-PERSON TRAINING		WEBINARS	
	Number of Participants	Number of Trainings	Number of Participants	Number of Webinars
2010	2,037	39	--	--
2011	1,348	38	1,006	4
2012	3,319	102	1,200	4
2013	564	10*	1,100	2**

\*74 in-person trainings are planned for FY2013

\*\*5 additional webinars are planned for FY2013

The NETAP Toolkit provides information on how to request NETAP training and on the 13 course selections.